

20041001.ba v03\_n710.bam.20041001

>From ???@??? Fri Oct 1 00:00:53 2004 -0500  
Message-Id: <200410010500.i9150WJe001109@sco.theporch.com>  
Date: Fri, 1 Oct 2004 00:00:09 CDT  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 3710

BOATANCHORS Digest 3710

Topics covered in this issue include:

- 1) Re: Smoky smelling SB-200, how to deodorize?  
by Garey Barrell <k4oah@mindspring.com>
- 2) Belton Fest this weekend.  
by "Sandy W5TVW" <ebjr@i-55.com>
- 3) Re: Smoky smelling SB-200, how to deodorize?  
by WA1KBQ@aol.com
- 4) Re: Smoky smelling SB-200, how to deodorize?  
by stuck in 50s <polepeeg@ba-watch.org>
- 5) NC 2-40D flange-knob, WTX  
by stuck in 50s <polepeeg@ba-watch.org>
- 6) RE: Smoky smelling SB-200, how to deodorize?  
by "Bill Hawkins" <bill@iaxs.net>
- 7) getting rid of bad odor in equipment  
by wb3fau@att.net
- 8) Re: getting rid of bad odor in equipment  
by "WA5JCI" <wa5jci@flash.net>
- 9) Re: Smoky smelling SB-200, how to deodorize?  
by "Nick England" <nick@3rdtech.com>
- 10) Re: getting rid of bad odor in equipment  
by David Stinson <arc5@ix.netcom.com>
- 11) Re: getting rid of bad odor in equipment  
by Gary Maples <misheb@execpc.com>
- 12) Re: Smoky smelling SB-200, how to deodorize?  
by john <johnmb@nc.rr.com>
- 13) Re: Smoky smelling SB-200, how to deodorize?  
by "Arden Allen" <gumbear@pacbell.net>
- 14) Re: getting rid of bad odor in equipment  
by "RJ Mattson" <rjmattson@hvi.net>
- 15) Re: Smoky smelling SB-200, how to deodorize?  
by Garey Barrell <k4oah@mindspring.com>
- 16) Subbing Crystal Blanks  
by David Stinson <arc5@ix.netcom.com>
- 17) cat piss on cabinets  
by "Eric Jones" <ejones@hiwaay.net>

-----  
Message-ID: <415B7D5F.7060201@mindspring.com>  
Date: Wed, 29 Sep 2004 23:28:31 -0400  
From: Garey Barrell <k4oah@mindspring.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Smoky smelling SB-200, how to deodorize?  
Content-Type: text/plain; charset=ISO-8859-1; format=flowed  
Content-Transfer-Encoding: 7bit

Arden Allen wrote:

>Charles, Bill;

>

>Not to bicker but Bill misses some key points from his otherwise splendid  
>recommendations. I would surely wash the amp if it was mine to get rid of  
>the stink. Nothing works as well as an aggressive water based cleaner to  
>get rid of tobacco grime.

>

>

>snip<

>Ceramic and phenolic switch wafers want to be sealed against water absorption.  
Use a good lubricating contact leaner and saturate the wafers. Soak 'em and catch  
the runoff with a dry rag to keep things from getting too messy.

>

Arden -

Excellent treatise, with one exception. You have apparently never run  
into phenolic switch wafers that have been "saturated" with contact  
cleaner. The ones that swell up so bad the wiper completely misses some  
contacts. They don't EVER dry out and return to their original  
shape. Or the phenolic wafer tube sockets that soak up enough "cleaner"  
to reduce the leakage between pins to 10k ohms or less.

Just my experience.....

73, Garey - K40AH  
Atlanta

-----  
Message-ID: <004401c4a6a0\$7565cac0\$26a3cdd1@s0023531634>  
From: "Sandy W5TVW" <ebjr@i-55.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Belton Fest this weekend.  
Date: Wed, 29 Sep 2004 22:48:42 -0500

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I was trying to go to Belton this weekend, but other matters prevented me from doing so!

Was going to take a few pieces of gear to sell there if there was some interest. Have the following:

Complete Elmac station: AF-67, PMR-7, M-1070 power supply (these seem a bit rare). Also have a homemade harness for the above with an antenna relay box of sorts. The harness has some 9 volt battery clips on it to use three well used 9 v. transistor

radio batteries for bias for the modulator. The cosmetic condition of the gear is about a 6-7. All knobs are original and I can supply photos if desired. Best offer over \$250 for all plus packing/shipping.

Four each Surplus 803 tubes NOS in original cartons. \$100 for the lot shipped.

Two NOS 4-400B tubes. These are the graphite anode ones. \$150 for the lot shipped.

Various medium to large E.F.Johnson transmitting variable capacitors. What do you need?

Also have a quantity of Hammarlund 500pf large receiving or small transmitting type variable caps. Great for an antenna coupler. \$25 for a pair of them plus shipping.

BC-221 frequency meter in great condition with book and a homemade AC power supply in bottom of cabinet. Best offer over \$25 plus shipping.

Hallicrafters S-53A receiver. Cosmetically about a 6-7. Works great (for an S-53A!)

\$65 plus shipping/packing. (Will trade for a complete TCS receiver in fairly good cosmetic shape (something not ratty or modified) does not have to look new.)

If no interest it will all go to the "e-place" for auction.

73 to all.

Sandy W5TVW

-----  
From: WA1KBQ@aol.com  
Message-ID: <1e.34d32104.2e8d2c63@aol.com>

Date: Thu, 30 Sep 2004 05:31:15 EDT  
Subject: Re: Smoky smelling SB-200, how to deodorize?  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Great cleaning tips! I couldn't resist relating a personal experience. I once sprayed the bandswitch of a high end communications receiver with WD-40. It absolutely fixed the balky bandswitch but I could not align the set on the high band afterwards. It turned out whatever was on the wafers allowed them to conduct RF on ten meters. On washing and blowing off a chassis: If you do not have an air compressor but have a shop vac you can plug the hose on the discharge port and with a blow nozzle get a pretty strong jet of forced air. The high volume of forced air provided by a good quality shop vac makes blow drying wet chassis a snap. Anything you can do to keep water out of where you do not want it will be appreciated later. You can tape over access holes and put plastic sandwich bags over transformers with rubber bands but be careful, you don't want transformers to get wet. If you have to dry out a transformer you can boil the winding core in paraffin wax until it stops steaming but this is a lot of unnecessary work.

Regards, Greg

-----  
Date: Thu, 30 Sep 2004 07:47:42 -0400 (EDT)  
From: stuck in 50s <polepeeg@ba-watch.org>  
Message-Id: <200409301147.i8UBlgXD013442@fracas.netboobie.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Smoky smelling SB-200, how to deodorize?

OK, I'm finally jumping in Letterman style with the top 4.

- Why not spray Glade inside the %\$#@ing thing?
- Next is a neon sign xfrm'r / spark-gap nearby. The ozone effect, ya know.
- Then comes trade me for an 'untainted' SB200. \$100 excluding shipping. I'm a ex-smoker that remembers what good friends the cigs were. (see below)
- Last, smoke 1 ciggy per day & get over it.

But remain vigilant in the areas of side air-bags, the right bicycle helmet, leaded gas, great language care, liquor in infants, ghetto school-scores our fault, etc.

Here's 'below.' The emotional issue of second-hand smoke.

The only second-hand smoke that's trouble is in the song "king of the road."  
Goes "smoke old stogies I have found - short but not too big around."

The blather about second-hand smoke effects IS infantile.  
You'd have to share a cube with a man that smokes 90 packs per day to  
get the same exposure one ciggy makes. A given is usual office  
ventilation.

This is demonstrable on an envelope with h-s math. Arithmetic is such a  
hateful thing.

Get out those Zippo lighters & let the flames begin.

Marty... who, of course, is on the way to a pro-choice march

-----  
Date: Thu, 30 Sep 2004 08:33:48 -0400 (EDT)  
From: stuck in 50s <polepeeg@ba-watch.org>  
Message-Id: <200409301233.i8UCXmg5013736@fracas.netboobie.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: NC 2-40D flange-knob, WTX

Like on the volume control

Have side-kick that's in need.

Will trade for 10 6J6s. Come with 1 yr unconditional guarantee

Marty

-----  
From: "Bill Hawkins" <bill@iaxs.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Smoky smelling SB-200, how to deodorize?  
Date: Thu, 30 Sep 2004 12:01:01 -0500  
Message-ID: <000a01c4a70f\$10432380\$0500a8c0@darius.domain.actdsltmp>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

So there's two sides to washing - pressure, which drives water into  
transformers and other things, and no pressure, which requires you  
to do some work with a brush. In my experience, pressure washing  
will only remove dirt that is directly in the water path, leaving  
tracks in the remaining dirt. If you don't pressure wash then you

don't need high pressure (hurricane force) air to remove water - and break fine wires or pop springs off of mechanisms.

Here's some stuff about detergents that might be useful. These were some of the first synthetic soaps. Trisodium phosphate (TSP) is a pure detergent. But housewives expected clean dishes to squeak when rubbed - remember squeaky-clean? Detergents remove all of the grease so that there is no squeak from residual oil. Customers thought it had to squeak to be good, so vendors had to add squeaking agents. Then there was the problem of no suds. It can't be soap if there's no suds, so foaming agents were added. You don't want either of those things in a radio, so don't use kitchen sink detergent.

If you use powdered TSP from a hardware or paint store, make sure that the powder completely dissolves in warm (not hot) water. You don't want crystals of TSP left in the set because they absorb water from the air and become conductive. They may cause corrosion because of the water taken from the air. If you dissolve as much TSP as possible in hot water, crystals will form when the water cools down.

Dishwasher detergent has added silica as a light scouring agent, and chlorine in some form to sterilize the dishes. You don't want to bleach your set, and you sure don't want silica in the moving parts.

Another synthetic that doesn't belong on or in a radio is silicone oil. It flows into everything and insulates one surface from another, not a good thing to do for ground lugs, shields and switch contacts. Polishes like Armor-All contain silicone oil. You want hard wax to do any polishing. Cleaning polishes contain abrasives, which may not be what you want on a painted panel with decals.

See, what I enjoy is making these firm statements and seeing who has had different firm knowledge. As far as I know, what I have written above is true.

Regards,  
Bill Hawkins

-----  
From: wb3fau@att.net  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: getting rid of bad odor in equipment  
Date: Thu, 30 Sep 2004 17:11:33 +0000  
Message-Id:  
<093020041711.11825.415C3E44000E32FE00002E3121603759649A0E00CC0D99@att.net>

Dear Anchors- there is currently a thread out there now on getting rid of bad smelling stuff. One of my recent projects has BO from what I think is cat urine. It seems to flare up when wooden cabinet is in the sunlite. Some ordinary household cleaners do not seem to get rid of it. i was thinking of trying white vinigar. Have not tried it. Open to suggestions, as XYL will not let it in her living room. It is an old GE floor console radio that I have renovated. Russ.

-----  
Message-ID: <000901c4a712\$0b954b80\$1bf9e204@hal>  
From: "WA5JCI" <wa5jci@flash.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: getting rid of bad odor in equipment  
Date: Thu, 30 Sep 2004 12:22:12 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Subject: getting rid of bad odor in equipment

Years ago I service commercial FM radios. We would find them in all conditions, from being underwater to being covered in dirt or oil. The remedy was to take them to a car wash, wash with soap and then rinse and leave them in the hot Texas sun for about a week. Any water anywhere was gone by then and then we would troubleshoot and repair. It was suprising how many of them worked the first time out when put on the bench.

es 73 de Pete WA5JCI EM21jv

6 Mtr VUCC#361/799 Confirmed--2 Mtr VUCC#346/190 Confirmed  
6 Mtr WAS#490--6 Mtr DXCC#404/121 Confirmed  
Charter Life Member CSVHFS #28 6 Mtr WAC-CW  
WAS QRPp#90  
If the universe contains advanced life forms where is everybody?  
Fermi's paradox

-----  
Message-ID: <00d801c4a713\$011de490\$fd0212ac@3rdtech.com>  
From: "Nick England" <nick@3rdtech.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Smoky smelling SB-200, how to deodorize?  
Date: Thu, 30 Sep 2004 13:29:13 -0400  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I do hate the stench of cigarette smoke (sorry Marty), so I always light up a few old electrolytics and selenium rectifiers as incense before starting to work on a smoker's radio.

In truth it seems like that brown coating has acted like a presevative on several radios I have cleaned up. Once I wiped off the gunk with Windex and paper towels, the paint or chassis beneath seemed in good shape and the smell was pretty much gone. No big deal, no atomic-powered de-ionized distilled dishwashers, etc. Besides, it usually seemed to me that most of that smell was in the box/newspapers/plastic peanuts that the gear arrived in. Your mileage may vary - a foul ball hit me in the nose when I was a kid, and it doesn't bother me if an old radio looks old.

73 & Have Fun,  
Nick KD4CPL

-----  
Message-ID: <415C687C.9070109@ix.netcom.com>  
Date: Thu, 30 Sep 2004 15:11:40 -0500  
From: David Stinson <arc5@ix.netcom.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: getting rid of bad odor in equipment  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

wb3fau@att.net wrote:

> Dear Anchors- there is currently a thread out there now on getting rid of  
> bad smelling stuff. One of my recent projects has B0 from what I think is  
> cat urine.

The only thing I have ever found to work  
on urine is ammonia, followed by a good rinse.  
Never found anything else to be effective.

-----  
Message-ID: <415C6BB4.6010806@execpc.com>  
Date: Thu, 30 Sep 2004 15:25:24 -0500  
From: Gary Maples <misheb@execpc.com>  
MIME-Version: 1.0



To: Old Tube Radios <boatanchors@theporch.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: getting rid of bad odor in equipment  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Greetings: Go to a good size pet store and buy a jug of "Nature's Miracle". It is an enzymatic neutralizer which when combined with animal urine will completely eliminate it. Vinegar and/ or bleach will often just make it worse. If the urine is well soaked into the item, it may take several applications. In most cases it will not harm any surface or finish, but you might be wise to test first. Nature's Miracle is a widely sold item, however, if you are not near a good size pet store I am sure it can be found on the web.

Gary W90AK  
( three cat household!)

wb3fau@att.net wrote:

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> bad smelling stuff. One of my recent projects has BO from what I think is  
> cat urine. It seems to flare up when wooden cabinet is in the sunlite.  
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> that I have renovated. Russ.  
>  
>  
>

-----  
Message-Id: <3.0.3.32.20040930183408.020b6e2c@pop-server.nc.rr.com>  
Date: Thu, 30 Sep 2004 18:34:08 -0400  
To: Old Tube Radios <boatanchors@theporch.com>  
From: john <johnmb@nc.rr.com>  
Subject: Re: Smoky smelling SB-200, how to deodorize?  
Mime-Version: 1.0  
Content-Type: multipart/mixed; x-avg-checked=avg-ok-71414F1C;  
boundary="====2E72527A===="

--====2E72527A====  
Content-Type: text/plain; x-avg-checked=avg-ok-71414F1C; charset=us-ascii  
Content-Transfer-Encoding: 8bit

At 01:29 PM 9/30/04 -0400, Nick England wrote:  
.... it doesn't bother me if an old radio looks old.

And THERE is one of lifes truisms!

: -)

John K5MO

--=====2E72527A=====

Content-Type: text/plain; charset=us-ascii; x-avg=cert; x-avg-checked=avg-ok-71414F1C

Content-Disposition: inline

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Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.727 / Virus Database: 482 - Release Date: 7/26/04

--=====2E72527A=====

-----  
Message-ID: <006501c4a750\$3fb8bb70\$e9e47443@KB6NAX>

From: "Arden Allen" <gumbear@pacbell.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Smoky smelling SB-200, how to deodorize?

Date: Thu, 30 Sep 2004 17:37:08 -0700

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

You are right, Garrey. I have never seen a bloated switch wafer. I've always used quality products by companies I'm sure we both know and have never seen a wafer swell. I'd like to know more about where you have observed the problem and what product caused it.

I forgot to mention it in my account but I also treat tube sockets with WD40 or my mineral oil based home brew.

Arden

----- Original Message -----

From: "Garey Barrell" <k4oah@mindspring.com>

To: "Old Tube Radios" <boatanchors@theporch.com>

Sent: Wednesday, September 29, 2004 8:28 PM

Subject: Re: Smoky smelling SB-200, how to deodorize?

>

>  
> Arden Allen wrote:  
>  
> >Charles, Bill;  
> >  
> >Not to bicker but Bill misses some key points from his otherwise splendid  
> >recommendations. I would surely wash the amp if it was mine to get rid  
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> >  
> >  
> >snip<  
>  
> >Ceramic and phenolic switch wafers want to be sealed against water  
absorption. Use a good lubricating contact leaner and saturate the wafers.  
Soak 'em and catch the runoff with a dry rag to keep things from getting  
too messy.  
> >  
> Arden -  
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> Excellent treatise, with one exception. You have apparently never run  
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> cleaner. The ones that swell up so bad the wiper completely misses some  
> contacts. They don't \_EVER\_ dry out and return to their original  
> shape. Or the phenolic wafer tube sockets that soak up enough "cleaner"  
> to reduce the leakage between pins to 10k ohms or less.  
>  
> Just my experience.....  
>  
> 73, Garey - K40AH  
> Atlanta  
>  
>

-----  
Message-ID: <04fa01c4a751\$e3418cd0\$16b40642@Laptop>  
From: "RJ Mattson" <rjmattson@hvi.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: getting rid of bad odor in equipment  
Date: Thu, 30 Sep 2004 20:59:20 -0400  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I'll second that. "Natures Miracle is good for all organic stains i.e.  
urine, food, blood ,vomit, feces, grease, dirt, grass, smoke and

perspiration.

We got ours in Agway for around \$8 for a 24 fl oz spray bottle.

bob...w2ami

[www.qrz.com/callsign/w2ami](http://www.qrz.com/callsign/w2ami)

----- Original Message -----

From: "Gary Maples" <misheb@execpc.com>

To: "Old Tube Radios" <boatanchors@theporch.com>

Cc: "Old Tube Radios" <boatanchors@theporch.com>

Sent: Thursday, September 30, 2004 4:25 PM

Subject: Re: getting rid of bad odor in equipment

> Greetings: Go to a good size pet store and buy a jug of  
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>  
> Gary W90AK  
> ( three cat household!)

-----  
Message-ID: <415CCED6.4030403@mindspring.com>

Date: Thu, 30 Sep 2004 23:28:22 -0400

From: Garey Barrell <k4oah@mindspring.com>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Smoky smelling SB-200, how to deodorize?

Content-Type: text/plain; charset=ISO-8859-1; format=flowed

Content-Transfer-Encoding: 7bit

Arden -

I have seen two or three, only one that I was in a position to question what was used. It's been a while, but I believe it was a contact cleaner by General Cement. These are the brown, phenolic wafer switches.

I've never seen a problem with WD40, but it seems that since mineral oil is the major ingredient that it would be an attractant for dust (especially in forced air systems) which could then carbonize and cause leakage paths. I know of several instances of phenolic wafer tube

sockets becoming leaky enough to destroy "self biased" audio stages. Where I have found it, no degree of cleaning with alcohol or other solvents or cleaners seems to be able to reverse it.

I much prefer to use DeoxiT D100 liquid in the dropper bottle and put just a drop on a few contacts and exercise the switch. Same with tube socket pins, just a drop in each pin and then insert and reinsert the tube a couple of times. The only spray I use is CalLube which is terrific on pots.

73, Garey - K40AH  
Atlanta

Arden Allen wrote:

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>always used quality products by companies I'm sure we both know and have  
>never seen a wafer swell. I'd like to know more about where you have  
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>To: "Old Tube Radios" <boatanchors@theporch.com>

>Sent: Wednesday, September 29, 2004 8:28 PM

>Subject: Re: Smoky smelling SB-200, how to deodorize?

>

>

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>>73, Garey - K40AH
>>Atlanta
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Message-ID: <415CD019.9010008@ix.netcom.com>
Date: Thu, 30 Sep 2004 22:33:45 -0500
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Subbing Crystal Blanks
Content-Type: text/plain; charset=us-ascii; format=flowed
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Content-Transfer-Encoding: 7bit

I've recently taken a crystal blank out of an FT-243 holder and placed it in a larger format crystal holder-blank about 3/4 by 1/2 inch-for use in a low-power circuit. The crystal mounts horizontally. It works fine for now, but were I to mount it vertically, I don't doubt the blank would slip down and the holding electrode plates, short out. Is it possible to cut a thin paper "mask," thinner than the crystal, with a window cut in it for the smaller blank, placing it between the electrodes to keep the small blank in place, or will the blank touching the paper cause it to cease oscillating? Thanks.

-----  
Message-ID: <004501c4a76b\$508a59c0\$7841b4d8@ejones>  
From: "Eric Jones" <ejones@hiwaay.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: cat piss on cabinets  
Date: Thu, 30 Sep 2004 22:59:35 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

de N4TGC Eric

While the cabinet may well have been sprayed by a 'gentleman caller', there will likely be droplet stains to indicate that. OTOH, there is a type of plastic that was once used for screwdriver handles that smells very strongly of feline urine, and this same plastic will grow an incredibly difficult-to-remove white mold. Regular use will keep the smell down and retard the mold growth, but it will return rapidly in storage. I've never found anything that will prevent it - I think the plastic is porous, tho it does seem to make a good handle: I have some 40-year-old screwdrivers still hangin' in there!

Is it possible the cabinet has a plastic coating or finish of similar material? And yes, ammonia not only neutralizes cat piss smell, it also repels further activity in that regard ... but it'll also dissolve many finishes!

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